GOVERNMENT OF INDIA
WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION
LOK SABHA

UNSTARRED QUESTION NO:404
ANSWERED ON:17.11.2016
Inter-Linking of Rivers
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Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION be pleased to state:

(a) the current status of inter-linking of rivers under the National Perspective Plan of the Government, river/State-wise, along with the expenditure estimated to be incurred in linking of each river including the details of committees constituted for the purpose with their findings and reports;
(b) whether any suggestions/requests/ objections have been received from certain States in this regard and if so, the details thereof including the action taken thereon;
(c) the quantum of funds allocated/ released/spent, if any, for the purpose so far, State/UT-wise;
(d) whether the Government has conducted or plans to conduct a social impact and environmental assessment of the effect on the livelihood of the people living in those areas and likely to be affected due to the project, if so, the details thereof; and
(e) the time by which each river linking is likely to be started/completed and implemented along with the benefits likely to accrue therefrom?

Answer

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION
(Dr. SANJEEV KUMAR BALYAN)

(a) & (b) Under the National Perspective Plan (NPP) for water resources development through inter basin transfer of water prepared by this Ministry, NWDA has identified 30 links (16 under Peninsular Component & 14 under Himalayan Component) for preparation of Feasibility Reports. After survey and investigations feasibility Reports of 14 links under Peninsular Component and 2 links in the Himalayan component have been prepared. Present status of Inter Basin Water Transfer Links, the States involved, name of rivers and status of Feasibility Reports/Detailed Project Report is given at Annexure − I.
Based on the concurrence of concerned states four priority links for preparation of Detailed Project Reports (DPRs) have been identified viz; Ken-Betwa link project Phase-I & II, Damanganga-Pinjal link, Par-Tapi-Narmada link and Mahanadi-Godavari link. The DPRs of Ken-Betwa Phase I & II, Daman-Ganga-Pinjal, Par-Tapi-Narmada have been prepared and shared with the States. The DPR of Ken-Betwa link project Phase-I has been accepted by the Advisory Committee of MoWR, RD & GR and its statutory clearances are at an advanced stage. The proposal for Wildlife Clearance in respect to Ken-Betwa link project Phase-I has been
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accepted by the Standing Committee of National Board of Wildlife (NBWL). The Government is planning to start implementing this National Project as a model link project of ILR programme, which will benefit the drought prone areas of Bundelkhand region in Uttar Pradesh and Madhya Pradesh.
The projected cost of Inter-linking of Rivers as per National Perspective Plan (as per Task Force Report - Base year 2002) is as follows:

Peninsular Component Rs 1,85,000 Crores
Himalayan Component Rs 3,75,000 Crores
Total Cost Rs 5,60,000 Crores

However, the total expenditure likely to be incurred on inter-linking of rivers can only be known after completion of all individual Detailed Project Reports.
The details of objections raised by concerned State Governments for taking up Feasibility Report (FR)/DPR of proposed inter-linking of river projects are given at Annexure-II.
In order to speed up the implementation of Inter-Linking of River Programme and to arrive at a consensus on the link proposals between the States, a 'Special Committee for Interlinking of Rivers', has been constituted by this Ministry in September, 2014. Eleven meetings of the Special Committee for Interlinking of Rivers (ILR) have been held so far, wherein State Irrigation/ Water Resources Ministers along with the Secretaries of various States attended the meetings. Further, in order to address various issues concerning the Inter-Linking of Rivers Programme and to arrive at a consensus on ILR proposals between the States, a "Task Force and various Sub-Committees for Interlinking of Rivers" have also been constituted.
(c) The implementation of any interlinking project is yet to be taken up. As such no project is in progress or complete. Thus no amount has been allocated/released/spent on the project so far for any river links project.
(d) At the time of preparation of Detailed Project Report of the individual river link projects, detailed Environmental Impact Assessment (EIA) studies as per Terms of Reference approved by Environmental Appraisal Committee (EAC) of the Ministry of

Environment and Forests &CC are carried out. All environmental impacts and issues arising out of the EIA studies are duly addressed in Environmental Management Plan which forms a part of DPR.
Resettlement and Rehabilitation (R&R) Plan in respect of project affected persons is an integral part of the implementation of any Inter Linking of River project and is included in the DPR.
(e) The implementation of the Interlinking of River program is dependent upon the consensus and co-operation of the concerned States. The target time for the completion of any project will depend upon the time required for the completion of the project as per DPR.
The implementation of NPP for water Resources Development would create an additional irrigation potential of approximately 35 million hectare and generate about 34000 mega watts (MW) hydro power, apart from the incidental benefits of flood moderation, navigation, drinking and industrial water supply, fisheries, salinity and pollution control etc.
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ANNEXURE-I

Annexure referred to in reply to part (a) & (b) of Unstarred Question No. 404 due for answer in Lok Sabha on 17.11.2016 regarding Inter-linking of Rivers.

PRESENT STATUS OF INTER BASIN WATER TRANSFER LINKS

Sl. No Name Rivers States concerned Status
Peninsular Component
1 Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link Mahanadi & Godavari Odisha, Maharashtra, Andhra Pradesh, Karnataka, & Chattisgarh FR Completed
2 Godavari (Inchampalli) - Krishna (Pulichintala) link Godavari & Krishna -do- FR Completed
3 Godavari (Inchampalli) - Krishna (Nagarjunasagar) link Godavari & Krishna Odisha, Maharashtra, Madhya Pradesh, Andhra Pradesh, Karnataka & Chattisgarh, FR Completed
4 Godavari (Polavaram) - Krishna (Vijayawada) link Godavari & Krishna Odisha, Maharashtra, Andhra Pradesh, Karnataka, & Chattisgarh FR Completed
5 Krishna (Almatti) − Pennar link Krishna &Pennar -do- FR Completed
6 Krishna (Srisailam) − Pennar link Krishna &Pennar -do- FR Completed
7 Krishna (Nagarjunasagar) - Pennar (Somasila) link Krishna &Pennar Maharashtra, Andhra Pradesh& Karnataka, FR Completed
8 Pennar (Somasila) - Cauvery (Grand Anicut) link Pennar& Cauvery Andhra Pradesh, Karnataka, Tamil Nadu, Kerala & Puducherry FR Completed
9 Cauvery (Kattalai) - Vaigai -Gundar link Cauvery, Vaigai&Gundar Karnataka, Tamil Nadu, Kerala & Puducherry FR Completed
10 Ken-Betwa link
Ken &Betwa Uttar Pradesh & Madhya Pradesh FR& DPR (Ph-I&II) Completed
11 Parbati -Kalisindh- Chambal link Parbati, Kalisindh& Chambal Madhya Pradesh, Rajasthan & Uttar Pradesh (UP requested to be consulted during consensus building) FR Completed
12 Par-Tapi-Narmada link Par, Tapi& Narmada Maharashtra & Gujarat FR& DPR Completed
13 Damanganga - Pinjal link Damanganga&Pinjal Maharashtra & Gujarat FR& DPR Completed.
14 Bedti - Varda link Bedti&Varda Maharashtra, Andhra Pradesh & Karnataka PFR Completed
15 Netravati − Hemavati link Netravati&Hemavati Karnataka, Tamil Nadu & Kerala PFR Completed
16 Pamba - Achankovil - Vaippar link Pamba, Achankovil&Vaippar Kerala & Tamil Nadu, FR Completed
Himalayan Component
1. Manas-Sankosh-Tista-Ganga (M-S-T-G) link Manas-Sankosh-Tista-Ganga Assam, West Bengal, Bihar& Bhutan PFR Completed
2. Kosi-Ghaghra link Kosi&Ghaghra Bihar , Uttar Pradesh & Nepal PFR Completed
3. Gandak-Ganga link Gandak& Ganga -do- Draft FR completed
(Indian portion)
4. Ghaghra-Yamuna link Ghaghra& Yamuna -do- FR completed (Indian portion)
5. Sarda-Yamuna link Sarda& Yamuna Bihar, Uttar Pradesh, Haryana, Rajasthan, Uttarakhand& Nepal FR completed (Indian portion)
6. Yamuna-Rajasthan link Yamuna &Sukri Uttar Pradesh, Gujarat, Haryana & Rajasthan Draft FR completed
7. Rajasthan-Sabarmati link Sabarmati -do- Draft FR completed
8. Chunar-Sone Barrage link Ganga &Sone Bihar & Uttar Pradesh Draft FR completed
9. Sone Dam − Southern Tributaries of Ganga link Sone&Badua Bihar & Jharkhand PFR Completed
10. Ganga(Farakka)-Damodar-Subernarekha link Ganga, Damodar&Subernarekha West Bengal, Odisha & Jharkhand Draft FR completed
11. Subernarekha-Mahanadi link Subernarekha& Mahanadi West Bengal & Odisha Draft FR
Completed
12.
Kosi-Mechi link Kosi&Mechi Bihar , West Bengal & Nepal PFR completed Entirely lies in Nepal
13. Ganga (Farakka)-Sunderbans link Ganga &Ichhamati West Bengal Draft FR completed
14. Jogighopa-Tista-Farakka link (Alternative to M-S-T-G) Manas, Tista& Ganga -do- (Alternative to M-S-T-G Link) dropped
â€¢ PFR- Pre Feasibility Report
â€¢ FR- Feasibility Report;
â€¢ DPR- Detailed Project Report

ANNEXURE-II
Annexure referred to in reply to part (a) & (b) of Unstarred Question No. 404 due for answer in Lok Sabha on 17.11.2016 regarding Inter-linking of Rivers.

S.No. Name of Link Project Concerned States Views/Observations

1 Pamba - Achankovil - Vaippar link Tamil Nadu & Kerala Kerala Assembly has passed a resolution against taking up of the Link Project (2003)
2 Parbati − Kalisindh − Chambal link Madhya Pradesh & Rajasthan Government of MP has prepared and submitted the DPRs of Mohanpura Multipurpose Project and Kundaliya dam as a major intra-State link project (important components of Parbati-Kalisindh-Chambal link) to CWC.
3 Mahanadi (Manibhadra) − Godavari link

Odisha, Maharashtra, AP, Karnataka, & Chattisgarh, Govt. of Odisha is not agreeable to this link Project due to large submergence of Manibhadra dam/reservoir and to the water balance and quantum of water to be diverted.
4 Godavari (Inchampalli) -Krishna link Projects Odisha, Maharashtra, MP, AP, Telangana, Karnataka, & Chattisgarh, Govt. of Telangana is not agreeable to the water balance at Inchampalli dam site in Godavari basin.
5 Netravati − Hemavati link
Karnataka,TamilNadu& Kerala Govt. of Karnataka intends to utilize Netravati water as per its own plan.